



LOCATION MAP  
SCALE 1" = 1 MILE  
U.S.G.S. 7.5' QUADRANGLE: TILTONSVILLE  
DRAINAGE BASIN: OHIO RIVER

- LEGEND**
- PROPOSED AFFECTED AREA
  - (S) SURFACE OWNER
  - (C) COAL OWNER
  - (M) MINERAL OWNER
  - (L) LESSEE
  - 1000' HYDROLOGY LIMIT
  - 100' STREAM BUFFER ZONE (not disturbed)
  - 100' STREAM BUFFER ZONE (disturbed)
  - PUBLIC WATER LINE
  - SEEP, SEEPAGE ZONE, SWAMP
  - U- UPSTREAM SAMPLING STATION
  - D- DOWNSTREAM SAMPLING STATION
  - WL- DRILLED WELL (LOG AVAILABLE)
  - W- DRILLED WELL (NO LOG AVAILABLE)
  - DW- DUG WELL
  - DS- DEVELOPED SPRING
  - S- UNDEVELOPED SPRING
  - WI- WATER IMPOUNDMENT
  - BACKGROUND SAMPLING STATION
  - MONITORING STATION
  - PRIME FARMLAND 6.2 ACRES (NO SURFACE DISTURBANCE)
  - DM- DEEP MINE ENTRY (WATER DISCHARGE)
  - DEEP MINE ENTRY
  - HIGH VOLTAGE POWER TOWER (AMERICAN ELECTRIC POWER)
  - HIGH VOLTAGE AERIAL TRANSMISSION POWER LINE (AMERICAN ELECTRIC POWER)
  - AERIAL POWER LINE (AMERICAN ELECTRIC POWER)
  - PTC-PTC- POWER/TELE/CABLE (AERIAL)
  - PT-PT- POWER/TELE
  - TC-TC- TELE/CABLE
  - UGT-UGT- UNDERGROUND TELEPHONE
  - JFN-071 - Y & O COAL CO., ABANDONED 1924, PITTSBURGH #8 COAL SEAM
  - JFN-159 - P.R. NICHOLSON COAL CO., ABANDONED 1942, PITTSBURGH #8 COAL SEAM
  - JFN-179 - P.R. HANNA COAL CO., ABANDONED 1944, PITTSBURGH #8 COAL SEAM
  - REMINING 47.0 ACRES
  - Hydric Soil Storage
  - OCCUPIED DWELLING
  - UNOCCUPIED DWELLING
  - PUBLIC, COMMUNITY, INSTITUTIONAL BUILDING
  - SCHOOL
  - CHURCH
  - COMMERCIAL/BUSINESS BUILDING
  - PUBLIC ROADS
  - PRIVATE ROADS
  - PROPERTY LINE
  - BEGIN MINING
  - END MINING
  - SLOPE MEASUREMENTS
  - TEST BORING
  - ENTRANCE SIGN
  - FINAL HIGHWALL (#8 & #8A)
  - EXISTING HIGHWALL (#8 & #8A)
  - BACKFILLED HIGHWALL (#8 & #8A)
  - PITTSBURGH #8 COAL ELEV. = 980'±
  - POMEROY #8A COAL ELEV. = 1000'±
  - #8 COAL SEVERED VANETTA COAL OWNED BY STARVAGGI IND., INC.
  - PREVIOUS MINING AREA
  - AUGER MINING AREA
  - EWI & WI (EXISTING WATER IMPOUNDMENT)
  - PERENNIAL STREAM
  - INTERMITTENT STREAM
  - HOUSE NUMBERS (BLASTING)
  - SUMP
  - DD- CONSTRUCTED DRAINWAY
  - DIRECTION OF FLOW
  - WETLAND WD-A 0.04 ac. (to be disturbed)
  - MITIGATIVE WETLAND MWLF#3 0.1 ac.
  - WATER TREATMENT FACILITY
  - SEDIMENT POND
  - TOPSOIL STORAGE
  - PLUGGED OIL WELL
  - OIL WELL
  - EXPIRED PERMIT

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT, AND SHOWS TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL THE INFORMATION REQUIRED BY CHAPTER 1513 OF THE REVISED CODE AND RULES ADOPTED THEREUNDER.

Professional Surveyor \_\_\_\_\_ Date \_\_\_\_\_  
ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2011  
Notary Public \_\_\_\_\_

- NOTES:
- GAS WELLS SHOWN HEREON ARE SHOWN IN THEIR RECORD LOCATION PER ODNr, DIVISION OF GEOLOGICAL SURVEY, OIL & GAS LOCATOR.
  - UTILITIES SHOWN HEREON ARE APPROXIMATE. THE OWNER SHOULD BE CONTACTED PRIOR TO ANY DISTURBANCE.
  - SURFACE, COAL AND LEASE INFORMATION SHOWN HEREON (WITHIN THE PERMIT AREAS) PROVIDED BY APPLICANT.
  - STREAMS AND WETLANDS WITHIN THE PERMIT LIMITS SHOWN HEREON WERE ACQUIRED FROM APPROVED DELINEATION PREPARED BY BUCKEYE MINERAL SERVICES, INC.

\*The location of Township Roads 154 and 509 as shown on this map, are based on the Jefferson County Engineers' road record. Due to previous mining, Township Road 509 is for the most part impassible or non-existent. The public road was never vacated.

SEDIMENT PONDS		
POND #	SURF. AC.	AC. FT.
001	0.24	0.8
002	0.50	1.6
003	0.64	2.1
004	0.50	1.8
005	0.22	0.7
006	0.31	0.8
007	0.40	1.9
008	0.27	1.3
009	0.21	1.4

SUMMARY OF AFFECTED AREAS

37.4 ACRES #8 COAL REMOVAL (includes 30.2 Ac. #8A coal)

63.9 ACRES SPOIL STORAGE

3.3 ACRES SEDIMENT PONDS

0.4 ACRES HAUL ROADS

155.6 ACRES AUGERING/HIGHWALL MINING

0.0 ACRES TOPSOIL (OUTSIDE COAL REMOVAL)

250.2 ACRES TOTAL PROPOSED AFFECTED AREA

## PERMIT APPLICATION & HYDROLOGY MAP

### OXFORD MINING COMPANY, LLC

Sections: 21 & 27 T.- 5 R.- 2  
Twp.- Wells County: Jefferson

Scale: 1" = 400' Contour Interval: 20'  
0' 400' 800' 1200' NAD83 OHIO STATE PLANE NORTH ZONE DATUM

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